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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,227	02/26/2002	Bruce A. Linker	07844-520001	6941

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EXAMINER

HILLERY, NATHAN

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 07/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/085,227

Applicant(s)

LINKER ET AL.

Examiner

Nathan Hillery

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 20 April 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-44 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-44 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                                        |                                                                                         |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                            | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

### DETAILED ACTION

1. This action is responsive to communications: Amendment filed on 4/20/05.
2. Claims 1 – 44 are pending in the case. Claims 1, 16, 23 and 38 are independent.
3. The rejection of claims 13 and 35 under 35 U.S.C. 112, second paragraph as being indefinite has been withdrawn as necessitated by amendment.
4. The rejection of claims 1 – 44 under 35 U.S.C. 103(a) as being unpatentable has been changed as necessitated by amendment.

### ***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1 – 44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Microsoft (as cited by applicant) and further in view of Screen Shots (MS Word 2000) and Camarda (Microsoft Word 2002).
7. **Regarding independent claim 1**, Microsoft teaches that *whenever an item from the preceding list is applied to a paragraph, the information is stored in the paragraph mark (¶) at the end of that paragraph. You can view or hide paragraph marks by clicking the Show/Hide Paragraph button on the Standard toolbar (p 2, Paragraph Formatting), compare with **providing an electronic document including content having a visual composition, the electronic document including one or more markers having locations in the content, the markers not being represented in the visual***

Art Unit: 2176

***composition of the content; receiving input specifying one or more locations in the electronic document.*** Microsoft does not explicitly teach an electronic document...; however, the Screen Shots further illustrate ***providing an electronic document including content having a visual composition, the electronic document including one or more markers having locations in the content, the markers not being represented in the visual composition of the content*** [Screen Shot 2]; ***and displaying a visual representation of the detected markers*** [Screen Shot 1]. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the disclosure of Microsoft with that of the Screen Shots to provide the users of Microsoft Word 2000 with a better understanding of Word's functionality. Camarda teaches that *When you hover your mouse pointer over a table, a table selection icon appears at the top left of the table* (p 400, Fig. 13.11), compare with ***in response to the input, detecting the presence of one or more markers associated with one or more locations of the specified locations and displaying a visual representation of the detected markers.*** It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the disclosure of Microsoft and the Screen Shots with that of Camarda to provide the readers with features of an updated version of Microsoft Word.

8. Regarding dependent claims 2 – 5, Microsoft does not explicitly teach ***the input specifying...*** However, Screen Shot 4 illustrates that ***the input specifying one or more locations includes input directing that a cursor be placed at a location in the electronic document***, that ***the input specifying one or more locations includes***

*input selecting a portion of the electronic document, that the portion of the electronic document comprises a word, sentence, or paragraph in the electronic document, and that the detected markers include a plurality of markers having different locations in the selected portion.* It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the disclosure of Microsoft with that of the Screen Shots to provide the users of Microsoft Word 2000 with a better understanding of Word's functionality.

9. Regarding dependent claims 6 – 8, Microsoft does not explicitly teach **visual representation....** However, Screen Shot 4 illustrates *the visual representation of the detected markers includes one or more graphical elements representing the detected markers, displaying the visual representation of the detected markers includes inserting the graphical elements representing the detected markers into the visual composition of the content at the locations of the detected markers, and displaying the visual representation of the detected markers includes separately displaying the graphical elements and the visual composition of the content.* It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the disclosure of Microsoft with that of the Screen Shots to provide the users of Microsoft Word 2000 with a better understanding of Word's functionality.

10. Regarding dependent claim 9, Microsoft teaches *displaying a visual representation of data or attributes associated with the detected markers* (p 4, first box – Revealing Formats).

11. **Regarding dependent claims 10 and 11**, Microsoft teaches that *Microsoft Word also has tools that help you find and replace or remove specific formatting in your document. To find specific formatting, follow these steps: 1. On the Edit menu, click Find. 2. If you don't see the Format button, click More. To search for text with specific formatting, enter the text in the Find what box. To search for specific formatting only, delete any text in the Find what box. 3. Click Format, and then select the formats that you want. 4. Click Find Next (p 4, Find and Replace Text and Formatting), compare with receiving input navigating the cursor through the location of the detected markers; and in response to the input, displaying a change in a location of a cursor relative to the location of the one or more markers, and for hiding the visual representation of the detected markers when the cursor has navigated past the location of the detected markers.*

12. **Regarding dependent claims 12 and 13**, Microsoft teaches that *to run the ListCommands macro 1. On the Tools menu, point to Macro and then click Macros. 2. In the Macros In list, click to select Word Commands. 3. In the Macro name box, type ListCommands. 4. Click Run to run the macro. 5. In the List Commands dialog box, click to select All Word commands, and then click OK (p 12), compare with in response to detecting the presence of one or more markers, displaying a list of functions associated with one or more of the detected markers, and for receiving an input selecting a function in the list of functions; and processing a marker according to the selected function.*

Art Unit: 2176

13. **Regarding dependent claims 14 and 15**, Microsoft teaches that *many users of WordPerfect are more efficient working with keystrokes than with a mouse. You can use the WordPerfect keystrokes while you learn to use Word. This functionality must be installed through the custom installation, after which you can access it when you click WordPerfect Help on the Help menu. The following tables list some Word shortcut keys that will help you to format your documents quickly. These keystrokes are part of the Word functionality, so no installation is required* (p 10, KEYSTROKES FOR FORMATTING CHARACTERS AND PARAGRAPHS), which provide that ***the input directing that a cursor be placed at a location in the electronic document includes input moving a mouse pointer to a location in the electronic document*** and that ***the input directing that a cursor be placed at a location in the electronic document includes one or more cursor keystrokes.***

14. **Regarding claims 16 – 37**, the claims incorporate substantially similar subject matter as claim 1 – 15, respectively, and are rejected along the same rationale.

15. **Regarding independent claim 38**, the claim incorporates substantially similar subject matter as claim 1 and is rejected along the same rationale.

16. **Regarding dependent claims 39 – 44**, the claims incorporate substantially similar subject matter as claim 6 – 11, respectively, and are rejected along the same rationale.

***Response to Arguments***

17. Applicant's arguments with respect to claims 1 – 44 have been considered but are moot in view of the new ground(s) of rejection. Pursuant to an interview, the elimination of a semicolon significantly changes the scope when interpreted as a whole.

***Conclusion***

18. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nathan Hillery whose telephone number is (571) 272-4091. The examiner can normally be reached on M - F, 10:30 a.m. - 7:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather R. Herndon can be reached on (571) 272-4136. The fax phone

Art Unit: 2176

number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

NH

*William L. Bashore*  
WILLIAM BASHORE  
PRIMARY EXAMINER  
7/8/2005